

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER
KOI-048

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)
09/647,321

INTERNATIONAL APPLICATION NO.
PCT/JP00/00262

INTERNATIONAL FILING DATE
20 January 2000

PRIORITY DATE CLAIMED
29 January 1999

TITLE OF INVENTION

APPARATUS FOR MANUFACTURING FLAT CABLE AND METHOD FOR MANUFACTURING THE SAME

APPLICANT(S) FOR DO/EO/US

Takao MUROOKA, Hakuji KOBAYASHI and Masakazu ENDO

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
 2. ☒ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
 3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I).
 4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
 5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
 6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
 7. ☐ Amendment to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendment has NOT expired.
 - d. ☐ have not been made and will not be made.
 8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
 9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
 10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11 to 16 below concern either document(s) or information included:
11. ☐ In Information Disclosure Statement under 37 CFR 1.97 and 1.98.
 12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
 13. ☐ A FIRST preliminary amendment.
☐ A SECOND or SUBSEQUENT preliminary amendment.
 14. ☐ A substitute specification.
 15. ☐ A change of power of attorney and/or address letter.
 16. ☒ Other items or information. Copy of Notification of Missing Requirements



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

Address: ASSISTANT COMMISSIONER FOR PATENTS

Box PCT

Washington, D.C. 20231

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/647321	MUROOKA	T K01 048

RONALD P KANANEN
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WASHINGTON, DC 20036

INTERNATIONAL APPLICATION NO.

PCT/JP00/00262

I.A. FILING DATE

PRIORITY DATE

20 JAN 00

29 JAN 99

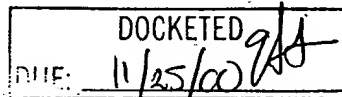
DATE MAILED:

25 OCT 2000

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as

- ☒ a Designated Office (37 CFR 1.494),
☐ an Elected Office (37 CFR 1.495):
☒ U.S. Basic National Fee.
☒ Copy of the international application in:
☒ a non-English language.
☐ English.
☒ Translation of the international application into English.
☐ Oath or Declaration of inventors(s) for DO/EO/US.
☐ Copy of Article 19 amendments.
☐ Translation of Article 19 amendments into English.
☐ The International Preliminary Examination Report in English and its Annexes, if any.
☐ Translation of Annexes to the International Preliminary Examination Report into English.
☐ Preliminary amendment(s) filed _____ and _____.
☒ Information Disclosure Statement(s) filed 28 SEP 2000 and _____.
☐ Assignment document.
☐ Power of Attorney and/or Change of Address.
☐ Substitute specification filed _____.
☐ Verified Statement Claiming Small Entity Status.
☐ Priority Document.
☒ Copy of the International Search Report ☒ and copies of the references cited therein.
☐ Other:



2. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- ☐ a. Translation of the application into English. Note a processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.
☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.
☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).
☒ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date.
☐ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.
☒ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).

3. Additional claim fees of \$ _____ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due. See attached PTO-875.

ALL OF THE ITEMS SET FORTH IN 2(a)-2(d) AND 3 ABOVE MUST BE SUBMITTED WITHIN ONE MONTH FROM THE DATE OF THIS NOTICE OR BY ☒ 21 OR ☐ 31 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

4. Translation of the Annexes **MUST** be submitted no later than the time period set above or the annexes will be cancelled. Note processing fee will be required if submitted later than 30 months from the priority date.
5. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

A copy of this notice MUST be returned with this response.

Enclosed:

☐ PCT/DO/EO/917☐ Notice of Defective Translation☐ PTO-875

FORM PCT/DO/EO/905 (December 1997)

Fred Smith

Telephone: 703-305-3654

1700
Practitioner's Docket No. KOI-048



JCO7 Rec'd PCT/PTO 05 MAR 2002

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Takao Murooka et al.

Application No.: 09/647,321

Group No.: 1733

Filed: November 2, 2001

For: APPARATUS FOR MANUFACTURING FLAT CABLE AND METHOD FOR
MANUFACTURING THE SAME

Attention: Office of Initial Patent Examination's
Customer Service Center

Commissioner for Patents
Washington, D.C. 20231

RECEIVED
APR 02 2002
TC 1700

REQUEST FOR CORRECTED FILING RECEIPT

1. Attached is a copy of the official filing receipt received from the PTO in the above application for which issuance of a corrected filing receipt is respectfully requested. Also enclosed is a copy of the declaration as filed.

2. There is an error with respect to the following, which is incorrectly entered.

Error in

Correct data

1. Title

1. APPARATUS FOR MANUFACTURING
FLAT CABLE AND METHOD FOR
MANUFACTURING THE SAME

2. Attorney Docket Number

2. KOI-048

3. The correction is due to an error by the applicant. If any costs are involved, please charge Deposit Account No. 18-0013.

Dated: March 05, 2002

Tel. No.: (202) 955-3750

Ronald P. Kananen

Reg. No. 24,104

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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/647,321	11/02/2001	1733	970	K01 048	8	9	2

Ronald P Kananen
Rader Fishman & Grauer
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Washington, DC 20036



K01-048

CONFIRMATION NO. 5741

REPLACEMENT FILING RECEIPT



OC000000007506396

Date Mailed: 02/21/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Takao Murooka, Tochigi, JAPAN;
Hakuji Kobayashi, Tochigi, JAPAN;
Masakazu Endo, Tochigi, JAPAN;
Toshihiro Tsutsumi, Tochigi, JAPAN;
Hiroaki Shirai, Tochigi, JAPAN;
Hidehiro Numao, Tochigi, JAPAN;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A 371 OF PCT/JP00/00262 01/20/2000

Foreign Applications

JAPAN P11-022937 01/29/1999

If Required, Foreign Filing License Granted 02/13/2002

Projected Publication Date: Not Applicable, filed prior to November 29, 2000

Non-Publication Request: No

Early Publication Request: No

Title

RECEIVED
APR 02 2002
TC 1700

~~Production device and production method for flat cable~~

Preliminary Class

156

APPARATUS FOR MANUFACTURING FLAT CABLE
AND METHOD FOR MANUFACTURING
THE SAME

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

English Language Declaration

As below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled

APPARATUS FOR MANUFACTURING FLAT CABLE AND METHOD FOR MANUFACTURING THE SAME
the specification of which

(check one)

is attached hereto.

was filed on _____ as

Application Serial No. _____

and was amended on _____

X was described and claimed in PCT International Application No. PCT/JP00/00262,
filed on January 20, 2000 and as amended under PCT Article 19 on _____ (if any).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent of inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed
<u>P11-022937</u>	<u>Japan</u>	<u>29/01/1999</u>	X
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
_____	_____	_____	Yes No
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
_____	_____	_____	Yes No
(Number)	(Country)	(Day/Month/Year Filed)	Yes No

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 and 1.63(d) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status)
_____	_____	(patented, pending, abandoned)

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

English Language Declaration

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Ronald P. Kananen, Reg. No. 24,104; Ralph T. Rader, Reg. No. 28,772; Michael D. Fishman, Reg. No. 31,951, Richard D. Grauer, Reg. No. 22,388; Joseph V. Coppola, Sr., Reg. No. 33,373; Michael B. Stewart, Reg. No. 36,018; Steven L. Nichols, Reg. No. 40,326

Send Correspondence to:

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Direct telephone calls to:

Ronald P. Kananen, Esq.
(202) 955-3750

Full name of first joint inventor		Takao MUROOKA
Inventor's signature	<i>Takao Murooka</i>	Date 20/09/2000
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Citizenship Japan		
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Full name of second joint inventor Hakuji KOBAYASHI		
Second Inventor's signature	<i>Hakuji Kobayashi</i>	Date 20/9/2000
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Citizenship Japan		
Post Office Address c/o Sony Chemicals Corporation, Daiichikojō, 18, Satsuki-cho, Kanuma-shi,		
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Full name of third joint inventor Masakazu ENDO		
Third Inventor's signature	<i>Masakazu Endo</i>	Date 12/09/00
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Citizenship Japan		
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Tochigi 322-0014 Japan		

(Supply similar information and signature for subsequent joint inventors.)

Attorney's Docket Number:

300110 41

Full name of fourth joint inventor		Toshihiro TSUTSUMI
Inventor's signature	Toshihiro Tsutsumi	Date 12/09/00
Residence Tochigi, Japan		
Citizenship Japan		
Post Office Address c/o Sony Chemicals Corporation, Daiichikojo, 18, Satsuki-cho, Kanuma-shi,		
Tochigi 322-0014 Japan		
Full name of fifth joint inventor Hiroaki SHIRAI		
Fifth Inventor's signature	Hiroaki Shirai	Date 12/09/00
Residence Tochigi, Japan		
Citizenship Japan		
Post Office Address c/o Sony Chemicals Corporation, Daiichikojo, 18, Satsuki-cho, Kanuma-shi,		
Tochigi 322-0014 Japan		
Full name of sixth joint inventor Hidehiro NUMAO		
Sixth Inventor's signature	Hidehiro Numao	Date 12/09/00
Residence Tochigi, Japan		
Citizenship Japan		
Post Office Address c/o Sony Chemicals Corporation, Daiichikojo, 18, Satsuki-cho, Kanuma-shi,		
Tochigi 322-0014 Japan		

(Supply similar information and signature for subsequent joint inventors.)